

## Perfect balance of style and performance

### POWERFUL MOBILE PERFORMANCE

Enjoy the powerful performance of an Intel® Core™ 2 Duo T6600 processor (2.20GHz<sup>1</sup>) and 4GB of system memory.

The VAIO® NW notebook comes pre-installed with Microsoft® Windows® 7 Home Premium<sup>12</sup>.

Store your favorite multimedia, important documents, and cherished family photos on the roomy 320GB<sup>2</sup> Serial ATA hard disk drive.

### READY TO GO RIGHT OUT OF THE BOX

This VAIO® NW notebooks comes pre-installed with Microsoft® Office 2007 Home and Student Edition and Norton Internet Security™ 2009 with 1-year subscription included.

### TAKE IT TO THE BIG SCREEN

Fall in love with your favorite movies all over again with an extra-wide, theater inspired 15.5"<sup>4</sup> display using energy-efficient LCD technology.

Take advantage of the convenience and utility of DVD and CD read/write functionalities.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI™ cable sold separately).

### ENDLESS FEATURES

Whether it's for YouTube™, a class project or for sharing with friends and family, editing digital video captured by your Sony® Handycam® is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

Enjoy one touch access to the web without booting up into Windows®.

Save energy while retaining full function and quick resume with Display Off button.

Stay connected to friends and family with real-time video conferencing<sup>11</sup> using the integrated MOTION EYE® camera and microphone with face-tracking technology.

A great value in a gracefully slim 15.5"<sup>4</sup> notebook. With the power of an Intel® Dual Core™ CPU, loads of RAM, and multimedia capabilities, it's the perfect PC for multitasking all you want. The extra-wide 15.5"<sup>4</sup> (1366x768) LCD allows for an optimal viewing experience.



# VGN-NW242F/S

## VAIO® NW Notebook PC

### Specifications

#### General

Computer Type: Notebook  
Type of Use: Portable  
Action Buttons: Mute, Wireless on / off, Display Off, Instant Web  
Pointing Device: Electro-static touch pad

#### Hardware

Keyboard: QWERTY, 86 keys with 2.0mm stroke and 19.05mm pitch  
Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

#### Processor

Type: Intel® Core™ 2 Duo Processor T6600  
Speed: 2.20GHz<sup>1</sup>  
Front Side Bus Speed: 800MHz  
L2 Cache: 2MB  
Technology: Intel® Dual Core® processor technology

#### Memory

Installed: 4GB PC2-6400 (2GBx2)  
Maximum: 8GB  
Type/Speed: DDR2/800MHz

#### Hard Drive

Capacity: 320GB<sup>2</sup>  
Speed: 5400rpm  
Type: Serial ATA

#### Optical Drive

CD Support: Read / Write (CD/-R/-RW)  
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

#### Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality  
One ExpressCard® / 34 media slot  
One Secure Digital (SD memory card) media slot

#### Audio

Sound System: Intel® High Definition Audio

#### Display

Screen Size: 15.5"<sup>4</sup>  
Resolution: 1366 x 768

#### Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology  
Total Available Graphics Memory: 1759MB (max.)<sup>\*13</sup>  
Chipset: Intel® GM45 Express Chipset  
Max. External Resolution via VGA: 2048 x 1536  
Max. External Display Resolution via HDMI™ : 1920 x 1080

#### Inputs and Outputs

Headphone Jack: 1  
Microphone Input: 1  
USB Port(s): 3 (2.0 compliant)  
VGA Output(s): 1  
DC-In: 1  
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)<sup>7</sup>  
Ethernet Connection (s): 1  
HDMI™ Output: 1

#### Power

Battery Type: Standard Capacity Lithium-ion Battery  
Estimated Battery Life: Up to 4.0 hours<sup>8</sup> Standard Capacity Battery  
Up to 6.0 hours<sup>8</sup> Large Capacity Battery  
Power Requirements: 86W + 10%

#### Start-up Times

Average Boot Time: 60 sec<sup>18</sup>  
Average Resume Time from Suspend: 2 sec<sup>18</sup>  
First Boot Time: 5 min<sup>19</sup>

#### Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)  
Ethernet Speed: Fast Ethernet (RJ-45)  
Wi-Fi: 802.11 b/g/n<sup>3</sup>

#### Software

Operating System: Genuine Microsoft® Windows® 7 Home Premium 64-bit<sup>12</sup>  
Supplied Software: Microsoft® Office Home and Student 2007  
The VAIO® Software Experience: VAIO Care™ - System diagnostics and maintenance  
VAIO® Multimedia Suite: VAIO® Movie Story - Simple Movie Creation  
VAIO® Media plus - Multimedia Streaming Software  
\*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.  
Anti-Virus Software: Norton Internet Security™ 2009 1-year subscription included

#### Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7<sup>10</sup> at 888-476-6972  
Online and Email Support: Available at <http://www.esupport.sony.com/EN/VAIO>  
Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service<sup>17</sup>. See actual warranty for details.  
International Service: 1 year international service plan. Registration required. See [www.sony.com/IRSP](http://www.sony.com/IRSP) for details.  
Limited Warranty Term: 1 year limited warranty<sup>3</sup>. See actual warranty for details.

#### Environmental Information

EPEAT™ : Silver  
RoHS®: Compliant  
ENERGY STAR®: 5.0

#### Dimensions

Weight: 6.0 lbs<sup>5</sup> (with standard capacity battery)  
Measurements: 14.6"(W) x 1.2"(H) x 9.8"(D)<sup>5,6</sup>

#### Supplied Accessories

Standard Capacity Lithium-ion battery  
AC Adapter  
Power Cord

#### Optional Accessories

Large Capacity Battery (VGP-BPL13)  
Additional Standard Lithium-ion Battery (VGP-BPS13A/B)  
Stick AC Adapter (VGP-AC19V30)  
USB Optical Mouse (VGP-UMS30/S)  
Neoprene Notebook and AC Adapter Case (VGP-AMC3)  
Notebook Backpack (VGP-CCP3/H)  
Classic Messenger Bag (VGP-AMB10/L)  
Deluxe Messenger Bag (VGP-AMB11/L)

Color: Silver  
UPC Code: 027242789388

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point

7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit [www.sony.com/pcsupport](http://www.sony.com/pcsupport), call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
11. Broadband Internet service required along with third party services which may require a subscription or other service fee.
12. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
13. Total Available Graphics Memory refers to the new Windows 7® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you don't activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
15. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identity theft.
16. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from <http://esupport.sony.com/EN/DRIVERS>.
17. When available, Sony will provide Onsite/In-Home Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
18. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
19. Excluding end user interaction.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.  
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance ([www.eiae.org](http://www.eiae.org)).  
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